

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

- 1-23. (Cancelled)
24. (Currently amended) The An isolated polynucleotide ~~fragment of claim 23,~~ consisting of nucleotides 2754-2894 of SEQ ID NO:1.
25. (Cancelled)
26. (Currently amended) The An isolated polynucleotide ~~fragment of claim 25,~~ consisting of nucleotides 2838-2876 of SEQ ID NO:1.
27. (Cancelled)
28. (Currently amended) The An isolated polynucleotide ~~fragment of claim 27,~~ consisting of nucleotides 2426-2548 of SEQ ID NO:1.
29. (Cancelled)
30. (Currently amended) The An isolated polynucleotide ~~fragment of claim 29,~~ consisting of nucleotides 1764-1953 of SEQ ID NO:1.
- 31-38. (Cancelled)
39. (Currently amended) The isolated polynucleotide ~~fragment of claim 23, 25, 27, or 29~~ 24, 26, 28, or 30, wherein the isolated polynucleotide ~~fragment~~ is labeled.

Appl. No. 09/780,114

PATENT

Amdt. dated January 20, 2005

Amendment under 37 CFR 1.116 Expedited Procedure

Examining Group 1634

40. (Currently amended) The isolated polynucleotide ~~fragment~~ of claim ~~23~~,
~~25, 27, or 29~~ 24, 26, 28, or 30, wherein the isolated polynucleotide ~~fragment~~ is used to determine
MTase deficiency in a biological sample.